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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 6,858,334 **B1**  
Date of Patent : FEBRUARY 22, 2005  
Applicant : GORMAN, ET AL.  
  
Application No. : 10/748,516  
Filed : DECEMBER 30, 2003  
Title : CERAMIC COMPOSITIONS FOR LOW CONDUCTIVITY THERMAL  
BARRIER COATINGS  
  
Art Unit : 1775  
Examiner : MCNEIL, JENNIFER C.  
  
Atty Docket No. : 127051

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

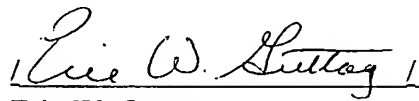
Sir:

The below-identified communication(s) is (are) submitted in the above-captioned application or proceeding:

- ☒ Request For Certificate Of Correction Under 37 C.F.R. §§ 1.322 & 1.323
- ☒ Certificate Of Correction
- ☒ Fee Transmittal and Authorization to Charge Deposit Account
- ☒ Credit Card Payment Form
- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication, including fees under 37 C.F.R. §§ 1.16 and 1.17 or credit any overpayment to **Deposit Account Number 10-0233-GEAE-0035-UTY.**

**Certificate**  
**MAR 18 2005**  
**of Correction**

Respectfully submitted,

  
Eric W. Guttag  
Registration Number 28,853

**JAGTIANI + GUTTAG**  
Democracy Square Business Center  
10363-A Democracy Lane  
Fairfax, Virginia 22030  
(703) 591-2664

March 10, 2005

**MAR 21 2005**



**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent No. : 6,858,334 **B1**  
Date of Patent : FEBRUARY 22, 2005  
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**REQUEST FOR CERTIFICATE OF CORRECTION**  
**UNDER 37 C.F.R. §§ 1.322 & 1.323**

Sir:

Patentee hereby requests that a certificate of correction under 37 C.F.R. §§ 1.322 and 37 C.F.R. §§ 1.323 be issued for the above-identified patent.

**Mistakes by Office**

Patentee hereby requests that United States Patent and Trademark Office under 37 C.F.R. § 1.322 to correct the following errors which are a result of the Office's mistake:

In Column 1, at line 54, the text "Yttria-stabilized" should be corrected to the following, which is shown on page 2, line 6 in the application, in paragraph [0004], as filed for the above-identified patent:

-- yttria-stabilized --

03/16/2005 HTECKLU1 00000076 6858334

01 FC:1811

100.00 DP

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**Patent Number: 6,858,334 B1**

In Column 3, at line 55, the text “Thermal conductivity is defined by the following equation (1):” should be corrected to the following, which is shown on page 5, line 3 in the application, in paragraph [0017], as filed for the above-identified patent:

-- Thermal conductivity K is defined by the following equation (1): --

In Column 4, at line 43, the text “beat” should be corrected to the following, which is shown on page 6, line 7 in the application, in paragraph [0021], subsection (a), as filed for the above-identified patent:

-- heat --

In Column 6, at line 15, the text “L3(1):115-120.” should be corrected to the following, which is shown on page 8, line 8 in the application, in paragraph [0026], as filed for the above-identified patent:

-- 73(1):115-120. --

In Column 6, at line 19, the text “cla” should be corrected to the following, which is shown on page 8, line 10 in the application, in paragraph [0026], as filed for the above-identified patent:

-- c/a --

**Mistakes by Applicant**

Patentee hereby requests that United States Patent and Trademark Office under 37 C.F.R. § 1.323 to correct the following mistakes which are of 1) a clerical nature, 2)

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*Patent Number: 6,858,334 B1*

typographical nature or 3) minor character and the correction to the mistake does not constitute new matter or require reexamination:

In Column 2, at line 22, the text “For example, modifying. the” be corrected to the following:

-- For example, modifying the --

In Column 4, at line 14, the text “more typically from about from about 5 to about 8 mole %,” should be corrected to the following:

-- more typically from about 5 to about 8 mole %, --

In Column 5, at lines 36-37, the text “moles” should be corrected to the following:

-- mole --

In Column 8, at line 21, the text “(Murphy), issued Feb. 10, 1998)” should be corrected to the following:

-- (Murphy), issued Feb. 10, 1998 --

In Column 8, at line 29, the text “with an electron beams” should be corrected to the following:

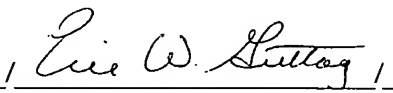
-- with an electron beam --

**Patent Number: 6,858,334 B1**

The appropriate fee under 37 C.F.R. § 1.20(a) accompanies the present Petition. The Commissioner is hereby authorized to charge the appropriate fee and payment of any fees associated with this Petition, including fees under 37 C.F.R. §§ 1.16 & 1.117 or credit any overpayment to Deposit Account Number 10-0233-GEAE-0035-UTY.

If the Examiner has any questions or concerns regarding the present request, the Office is invited to contact Eric W. Gutttag at 513-856-7272.

Respectfully submitted,

  
Eric W. Gutttag  
Reg. No. 33,057

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March 10, 2005

MAR 21 2005

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO : 6,858,334 B1  
 DATED : February 22, 2005  
 INVENTOR(S) : GORMAN et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### Column 1,

Line 54, the text "Yttria-stabilized" should be corrected to -- yttria-stabilized --.

### Column 2,

Line 22, at the text "For example, modifying. the", the "." should be deleted.

### Column 3,

Line 55, after the words "Thermal conductivity", and before the words "is defined" the letter -- K -- should be inserted.

### Column 4,

Line 14, after the words "more typically", the words "from about from about" should be deleted and replaced with the words -- from about --.

Line 43, after the words "reduce the specific", the word "beat" should be deleted and replaced with the word -- heat --.

### Column 5,

Line 36 and Line 37, the text "moles" should be corrected to -- mole --.

### Column 6,

Line 15, the text "L3(1):115-120." should be corrected to -- 73(1):115-120. --.

Line 19, the text "cla" should be corrected to -- c/a --.

### Column 8,

Line 21, the text "(Murphy), issued Feb. 10, 1998)" should read -- (Murphy), issued Feb. 10, 1998 --.

Line 29, the text "beams" should be corrected to -- beam --.

MAILING ADDRESS OF SENDER:

JAGTIANI + GUTTAG  
 Democracy Square Business  
 Center  
 10363-A Democracy Lane

PATENT NO. 6.858.334

No. of additional copies



Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

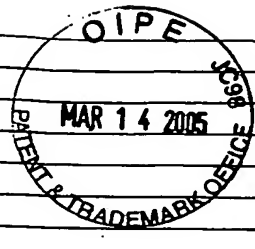
MAR 21 2005

# Patent Fee Transmittal for FY 2005

☐ Applicant Claims Small Entity Status 37 C.F.R. 1.27

**TOTAL AMOUNT OF PAYMENT \$100.00**

Application Number 10/748,516  
Filing Date 30-Dec-03  
Named Inventor GORMAN, Mark Daniel  
Examiner Name MCNEIL, Jennifer C.  
Art Unit 1775  
Attorney Docket No. 13DV127051



## FEE CALCULATION

### 1. Filing Fees

Application Type	Description	Large Entity		Small Entity		Paid
		Code	(\$)	Code	(\$)	
Utility	<input type="checkbox"/> Basic Examination	1011	300	2011	150	\$ -
	<input type="checkbox"/> Search	1311	200	2311	100	\$ -
	<input type="checkbox"/> Search	1111	500	2111	250	\$ -
Design	<input type="checkbox"/> Basic Examination	1012	200	2012	100	\$ -
	<input type="checkbox"/> Search	1312	130	2312	65	\$ -
	<input type="checkbox"/> Search	1112	100	2112	50	\$ -
Plant	<input type="checkbox"/> Basic Examination	1013	200	2013	100	\$ -
	<input type="checkbox"/> Search	1313	160	2313	80	\$ -
	<input type="checkbox"/> Search	1113	300	2113	150	\$ -
Reissue	<input type="checkbox"/> Basic Examination	1014	300	2014	150	\$ -
	<input type="checkbox"/> Search	1114	600	2114	300	\$ -
	<input type="checkbox"/> Search	1314	500	2314	250	\$ -
Provisional	<input type="checkbox"/> Basic	1005	200	2005	100	\$ -
National Stage	<input type="checkbox"/> Basic Examination	1631	300	2631	150	\$ -
	<input type="checkbox"/> Search	1633	200	2633	100	\$ -
	<input type="checkbox"/> Search	1632	500	2632	250	\$ -

### 2. Extra Claim Fee

#### a. Claims as Filed

		Large Entity		Small Entity		Paid
		Code	(\$)	Code	(\$)	
Total Claims	0 - 20 = 0	1201	50	2201	25	\$ -
Independent	0 - 3 = 0	1202	200	2202	100	\$ -
Multiple Dependent		1203	360	2203	180	\$ -

#### b. Claims as Amended

		Large Entity		Small Entity		Paid
		Code	(\$)	Code	(\$)	
Total Claims	0 - 0 = 0	1201	50	2201	25	\$ -
Independent	0 - 0 = 0	1202	200	2202	100	\$ -
First Presentation of Multiple Dependent		1203	360	2203	180	\$ -

### 3. Extra Page Fee

		Large Entity		Small Entity		Paid
		Code	(\$)	Code	(\$)	
Total Pages	0 - 100 = 0	1081	250	2081	125	\$ -

### Subtotal for Application Fees

1 \$ - + 2 \$ - + 3 \$ - = \$ -

### 4. Additional Fees

Description	Large Entity		Small Entity		Paid
	Code	(\$)	Code	(\$)	
Extension for response first month	1251	120	2251	60	\$ -
Extension for response second month	1252	450	2252	225	\$ -
Extension for response third month	1253	1,020	2253	510	\$ -
Extension for response fourth month	1254	1,590	2254	795	\$ -
Extension for response fifth month	1255	2,160	2255	1,080	\$ -
Notice of Appeal	1401	500	2401	250	\$ -
Filing a Brief in Support of an Appeal	1402	500	2402	250	\$ -
Request for Oral hearing	1403	1,000	2403	500	\$ -
Petitions under 1.17(f)	1462	400	1462	400	\$ -
Petitions under 1.17(g)	1463	200	1463	200	\$ -
Petitions under 1.17(h)	1464	130	1464	130	\$ -
Petition - public use proceeding	1451	1,510	1451	1,510	\$ -
Petition to Revoke - Unavoidable	1452	500	2452	250	\$ -
Petition to Revoke - Unintentional	1453	1,500	2453	750	\$ -
Utility Issue Fee	1501	1,400	2501	700	\$ -
Design Issue Fee	1502	800	2502	400	\$ -
Plant Issue Fee	1503	1,100	2503	550	\$ -
Reissue Issue Fee	1511	1,400	2511	700	\$ -
Publication Fee	1504	300	1504	300	\$ -
Statutory Disclaimer	1814	130	2814	65	\$ -

(cont.)

### Description (cont.)

Description (cont.)	Large Entity		Small Entity		Paid
	Code	(\$)	Code	(\$)	
Recording each Assignment	8021	40	8021	40	\$ -
Submission of IDS	1806	180	1806	180	\$ -
Request for Cont. Examination (RCE)	1801	790	2801	395	\$ -
Filing Submission After Final	1809	790	2809	395	\$ -
Surcharge - late filing fee or oath	1051	130	2051	65	\$ -
Surcharge - late provisional fee	1052	50	2052	25	\$ -
Non-English Specification	1053	130	1053	130	\$ -
Processing Fee 37 CFR 1.17(q)	1807	50	1807	50	\$ -
Request for Ex Parte Reexamination	1812	2,520	1812	2,520	\$ -
Request Pub. of SIR prior to action	1804	920	1804	920	\$ -
Request Pub. of SIR after action	1805	1,840	1805	1,840	\$ -
Each Add. Invention Examined	1810	790	2810	395	\$ -
Expedited Examination (Design)	1802	900	1802	900	\$ -
Unintentionally Delayed Priority Claim	1453	1,370	1453	1,370	\$ -
Certificate of Correction	1811	100	1811	100	\$ 100
Maintenance Fees 3.5 years	1551	900	2551	450	\$ -
Maintenance Fees 7.5 years	1552	2,300	2552	1,150	\$ -
Maintenance Fees 11.5 years	1553	3,800	2553	1,900	\$ -
Surcharge - Late Payment 6 mos.	1554	130	2554	65	\$ -
Other fee					\$ -

Additional Fee Subtotal \$ 100

### METHOD OF PAYMENT (Check all that apply)

☒ Credit Card (Provide credit card information and authorization on PTO-2038)

☒ Deposit Account No. 10-0233-GEAE-0035-UTY

For the above-identified deposit account, the Director is hereby authorized to:

☒ To charge the above-identified fee.

☒ To charge any additional fees which may be required under 37 CFR 1.16, 1.17, 1.18, 1.20 and 1.492 or credit any overpayment to the deposit account number listed above.

Submitted by:

Name Eric W. Gutttag Reg. No. 28,853  
Firm Jagtiani + Gutttag  
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Telephone 703.591.2664 Fax 703.591.5907

*Eric W. Gutttag*

Signature

March 10, 2005

Date

Include duplicate copy if paying by deposit account

Revised 02-2005

MAR 21 2005